

REMARKS

Claims 1, 3-21, and 23-72 are currently pending in the above-identified patent application and have been rejected. Applicant has filed concurrently herewith an Affidavit Under 37 C.F.R. §1.131 as well as accompanying Appendices.

Claims 1, 5-21, 25-48, 51-58 and 61- 72 stand rejected under 35 U.S.C. §103 as being unpatentable over Krug in view of Zhou. Claims 3, 4, 23, 24, 49, 50, 59 and 60 stand rejected under 35 U.S.C. §103 as being unpatentable over Krug in view of Zhou and Annis. Applicant respectfully traverses these rejections.

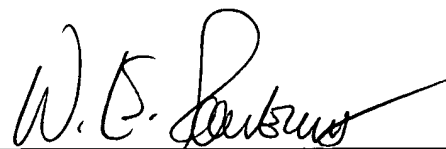
As noted in the Office action, “Krug fails to teach a reconstruction subsystem utilizing three-dimensional reconstruction techniques, or detecting an object within a human body”. Zhou is relied upon in the Office action as teaching three-dimensional reconstruction. Annis is relied upon in the Office action as teaching various configurations of a computed tomography machine that include multi-sources and/or multiple detectors.

Applicant, based upon the attached affidavit, submits that Zhou is not a proper prior art reference. Specifically, as averred to in the affidavit, the inventors of the present patent application conceived of the invention recited in the claims at least as early as April 23, 2003 and diligently reduced to practice that invention as of the filing date of the provisional patent application from which the present patent application is dependent. Due to a date of conception prior to the filing date of Zhou, coupled with at the very least the diligent reduction to practice up to the priority date of the present application (August 7, 2003), Zhou is not prior art to the present application and thus cannot be relied upon to add any relevant teaching to Krug. Applicant respectfully contends that the currently pending claims of the present application are patentable over the remaining cited references (Krug and Annis).

In view of the arguments and the affidavit presented, applicant submits that the currently pending claims of the present patent application are allowable over the

properly cited references. Accordingly, applicant solicits allowance of the pending claims and movement of the present patent application on to issuance. If the Examiner has any questions regarding the present patent application, the Examiner can contact the below-signed counsel of applicant, William Powell, at telephone number (518)-387-4530.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. E. Powell', is written over a horizontal line.

William Powell
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Schenectady, New York
Dated: February 13, 2006